

# SOUTH CAROLINA

## Science and Engineering Profile

	S. Carolina	U.S.	Rank		S. Carolina	U.S.	Rank
Doctoral scientists, 1993	4,106	430,332	29	Total R&D performance, 1993 (millions)	\$713	\$161,427	31
Doctoral engineers, 1993	770	81,293	31	Industry R&D, 1993 (millions)	\$495	\$117,622	29
S&E doctorates awarded, 1993	215	25,409	31	Academic R&D, 1993 (millions)	\$178	\$19,489	30
of which, in life sciences	33%	24%		of which, in life sciences	54%	55%	
in engineering	16%	22%		in engineering	19%	16%	
in physical sciences	13%	15%		in environmental sciences	7%	7%	
S&E postdoctorates, 1993				Higher education current-fund			
in doctorate-granting institutions	224	34,394	30	expenditures, 1993 (millions)	\$1,996	\$163,994	26
S&E graduate students, 1993				Number of SBIR awards, 1990-93	3	13,995	48
in doctorate-granting institutions	4,205	438,128	32	Patents issued to state residents, 1994	436	56,039	27
Population, 1994 (000s)	3,664	260,341	25	Gross state product, 1992 (billions)	\$69.8	\$5,994.1	27
Civilian labor force, 1994 (000s)	1,828	131,013	25	of which, agriculture	1%	2%	
Personal income per capita, 1994	\$17,695	\$21,809	45	manufacturing, mining, construction	31%	23%	
Federal spending				transportation, communication, utilities	8%	9%	
Total expenditures 1994 (millions)	\$17,097	\$1,284,896	27	wholesale and retail trade	15%	16%	
R&D obligations 1993 (millions)	\$173	\$65,394	36	finance, insurance, real estate	14%	18%	
				services	14%	20%	
				government	16%	12%	

Rankings and totals are based on data for the 50 States and D.C.

## Federal Obligations for Research and Development in South Carolina by Agency and Performer: Fiscal Year 1993

[Thousands of dollars]

	Total	Federal intramural	All FFRDCs	Industrial firms	Universities & colleges	Other nonprofits	State & local government	State rank
<b>Total, all agencies</b>	173,173	38,208	58,812	18,169	53,349	2,068	2,567	36
<b>Department of Agriculture</b>	15,372	8,098	0	0	7,264	0	10	31
<b>Department of Commerce</b>	13,263	8,773	0	3,521	969	0	0	11
<b>Department of Defense</b>	35,586	17,601	1,300	10,062	4,848	1,775	0	32
<b>Department of Energy</b>	66,588	0	57,512	3,725	5,351	0	0	17
<b>Dept. of Health &amp; Human Services</b>	27,292	50	0	795	24,656	191	1,600	37
<b>Department of the Interior</b>	4,509	3,686	0	0	805	0	18	44
<b>Department of Transportation</b>	1,025	0	0	0	86	0	939	40
<b>Environmental Protection Agency</b>	428	0	0	28	400	0	0	42
<b>Nat'l Aeronautics &amp; Space Admin.</b>	1,290	0	0	38	1,201	51	0	41
<b>National Science Foundation</b>	7,820	0	0	0	7,769	51	0	38
<b>State rank</b>	36	37	13	38	34	42	27	

Federal R&D obligations are as reported by funding agencies.

FFRDC = federally funded research and development center

SBIR = small business innovation research

na = not applicable

Prepared by the National Science Foundation/Division of Science Resources Studies. Data compiled from numerous sources.